

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A light-emitting device comprising:
 - an electric field receiving member made of a dielectric material;
 - a first electrode disposed on one surface of said electric field receiving member;
 - a second electrode disposed on said one surface of said electric field receiving member, said second electrode and said first electrode jointly defining a slit;
 - an electron passage layer disposed on said first electrode, said second electrode, and said slit, said electron passage layer being resistant to a predetermined voltage when the predetermined voltage is applied thereto, said electron passage layer being made of a material having such characteristics as to pass electrons therethrough;
 - a fluorescent layer disposed on said electron passage layer; and
 - a transparent electrode disposed on said fluorescent layer or a third electrode disposed at a predetermined spaced interval from said fluorescent layer.

2. (Currently Amended) A light-emitting device according to claim 1, further comprising:
 - an electrically conductive coating layer, having a resistance of 1 kilo ohm or greater, said electrically conductive coating layer being interposed between said first electrode, said second electrode, and said slit, and said electron passage layer.

3. (Original) A light-emitting device according to claim 1, wherein at least one of said first electrode and said second electrode has at least one of a convexity and a concavity.

4. (Currently Amended) A light-emitting device ~~according to claim 1~~, further comprising:

an electric field receiving member made of a dielectric material;

a first electrode disposed on one surface of said electric field receiving member;

a second electrode disposed on said one surface of said electric field receiving member, said second electrode and said first electrode jointly defining a slit;

an electron passage layer disposed on said first electrode, said second electrode, and said slit, said electron passage layer being resistant to a predetermined voltage when the predetermined voltage is applied thereto, said electron passage layer being made of a material having such characteristics as to pass electrons therethrough;

a fluorescent layer disposed on said electron passage layer;

a transport electrode disposed on said fluorescent layer or a third electrode disposed at a predetermined spaced interval from said fluorescent layer; and

at least one of a pinhole defined in at least one of said first electrode and said second electrode, and a land disposed in said slit in electrically insulated relation to said first electrode and said second electrode and made of a material which is the same as the material of said first electrode and said second electrode.

5. (Original) A light-emitting device according to claim 1, wherein said electric field receiving member has a specific dielectric constant of 1000 or greater.

6. (Original) A light-emitting device according to claim 1, wherein said slit has a width in a range between 0.1 μm and 500 μm .

7. (Original) A light-emitting device according to claim 6, wherein said slit has a width in a range between 0.1 μm and 50 μm .

8. (Original) A light-emitting device according to claim 7, wherein said slit has a width in a range between 0.1 μm and 10 μm .

9. (Original) A light-emitting device according to claim 8, wherein said slit has a width in a range between 0.1 μm and 1 μm .

10. (Currently Amended) A light-emitting device ~~according to claim 1,~~
comprising:

an electric field receiving member made of a dielectric material;

a first electrode disposed on one surface of said electric field receiving member;

a second electrode disposed on said one surface of said electric field receiving member, said second electrode and said first electrode jointly defining a slit;

an electron passage layer disposed on said first electrode, said second electrode, and said slit, said electron passage layer being resistant to a predetermined voltage when the predetermined voltage is applied thereto, said electron passage layer being made of a material having such characteristics as to pass electrons therethrough;

a fluorescent layer disposed on said electron passage layer; and

a transparent electrode disposed on said fluorescent layer or a third electrode disposed at a predetermined spaced interval from said fluorescent layer;

wherein said electric field receiving member is made of a ~~pizoelectric~~ piezoelectric material, an antiferroelectric material, or an electrostrictive material.

11. (Withdrawn) A light-emitting device comprising:

an electric field receiving member made of a dielectric material;

a first electrode disposed on one surface of said electric field receiving member;

a second electrode disposed on said one surface of said electric field receiving

member, said second electrode and said first electrode jointly defining a slit;

a first electron passage layer disposed on said first electrode, said second electrode, and said slit, said first electron passage layer being resistant to a predetermined voltage when the predetermined voltage is applied thereto, said first electron passage layer being made of a material having such characteristics as to pass electrons therethrough;

a third electrode and a fourth electrode which are disposed on said first electron passage layer, for emitting electrons which are emitted from said first electron passage layer;

a second electron passage layer disposed on said first electron passage layer, said third electrode, and said fourth electrode, said second electron passage layer being resistant to a predetermined voltage when the predetermined voltage is applied thereto, said second electron passage layer being made of a material having such characteristics as to pass electrons therethrough;

a fluorescent layer disposed on said second electron passage layer; and

a transparent electrode disposed on said fluorescent layer or a fifth electrode disposed at a predetermined spaced interval from said fluorescent layer.

12. (Withdrawn) A light-emitting device according to claim 11, further comprising:

an electrically conductive coating layer interposed between said first electrode, said second electrode, and said slit, and said electron passage layer.

13. (Withdrawn - Currently Amended) A light-emitting device according to claim 11 through 3, wherein at least one of said first electrode and said second electrode has at least one of a convexity and a concavity.

14. (Withdrawn) A light-emitting device according to claim 11, further comprising at least one of a pinhole defined in at least one of said first electrode and said second electrode, and a land disposed in said slit in electrically insulated relation to said first electrode and said second electrode and made of a material which is the same as the material of said first electrode and said second electrode.

15. (Withdrawn) A light-emitting device according to claim 11, wherein said electric field receiving member has a specific dielectric constant of 1000 or greater.

16. (Withdrawn) A light-emitting device according to claim 11, wherein said slit has a width in a range between 0.1 μm and 500 μm .

17. (Withdrawn) A light-emitting device according to claim 16, wherein said slit has a width in a range between 0.1 μm and 50 μm .

18. (Withdrawn) A light-emitting device according to claim 17, wherein said slit has a width in a range between 0.1 μm and 10 μm .

19. (Withdrawn) A light-emitting device according to claim 18, wherein said slit has a width in a range between 0.1 μm and 1 μm .

20. (Withdrawn - Currently Amended) A light-emitting device according to claim 11, wherein said electric ~~field~~field receiving member is made of a ~~pizelectrie~~piezoelectric material, an antiferroelectric material, or an electrostrictive material.

21. (Withdrawn) A field emission display comprising a two-dimensional array of light-emitting devices, each of said light-emitting devices comprising:

an electric field receiving member made of a dielectric material;
a first electrode disposed on one surface of said electric field receiving member;
a second electrode disposed on said one surface of said electric field receiving member, said second electrode and said first electrode jointly defining a slit;
an electron passage layer disposed on said first electrode, said second electrode, and said slit, said electron passage layer being resistant to a predetermined voltage when the predetermined voltage is applied thereto, said electron passage layer being made of a material having such characteristics as to pass electrons therethrough;
a fluorescent layer disposed on said electron passage layer; and
a transparent electrode disposed on said fluorescent layer or a third electrode disposed at a predetermined spaced interval from said fluorescent layer.

22. (Withdrawn) A field emission display according to claim 21, further comprising:

an electrically conductive coating layer interposed between said first electrode, said second electrode, and said slit, and said electron passage layer.

23. (Withdrawn) A field emission display according to claim 21, wherein at least one of said first electrode and said second electrode has at least one of a convexity and a concavity.

24. (Withdrawn - Currently Amended) A field emission display according to claim 21 through 15, further comprising at least one of a pinhole defined in at least one of said first electrode and said second electrode, and a land disposed in said slit in electrically insulated relation to said first electrode and said second electrode and made of a material which is the same as the material of said first electrode and said second electrode.

25. (Withdrawn) A field emission display according to claim 21, wherein said electric field receiving member has a specific dielectric constant of 1000 or greater.
26. (Withdrawn - Currently Amended) A field emission display according to claim 21 through 17, wherein said slit has a width in a range between 0.1 μm and 500 μm .
27. (Withdrawn) A field emission display according to claim 26, wherein said slit has a width in a range between 0.1 μm and 50 μm .
28. (Withdrawn) A field emission display according to claim 27, wherein said slit has a width in a range between 0.1 μm and 10 μm .
29. (Withdrawn) A field emission display according to claim 28, wherein said slit has a width in a range between 0.1 μm and 1 μm .
30. (Withdrawn) A field emission display according to claim 21, further comprising:
a substrate, said two-dimensional array of light-emitting devices being integrally formed with said substrate.
31. (Withdrawn - Currently Amended) A field emission display according to claim 21, wherein said electric ~~field~~field receiving member is made of a ~~pizeoelectrie~~piezoelectric material, an antiferroelectric material, or an electrostrictive material.
32. (Withdrawn) A field emission display comprising a two-dimensional array of light-emitting devices, each of said light-emitting devices comprising:
an electric field receiving member made of a dielectric material;
a first electrode disposed on one surface of said electric field receiving

member;

a second electrode disposed on said one surface of said electric field receiving member, said second electrode and said first electrode jointly defining a slit;

a first electron passage layer disposed on said first electrode, said second electrode, and said slit, said first electron passage layer being resistant to a predetermined voltage when the predetermined voltage is applied thereto, said first electron passage layer being made of a material having such characteristics as to pass electrons therethrough;

a third electrode and a fourth electrode which are disposed on said first electron passage layer, for emitting electrons which are emitted from said first electron passage layer;

a second electron passage layer disposed on said first electron passage layer, said third electrode, and said fourth electrode, said second electron passage layer being resistant to a predetermined voltage when the predetermined voltage is applied thereto, said second electron passage layer being made of a material having such characteristics as to pass electrons therethrough;

a fluorescent layer disposed on said second electron passage layer; and

a transparent electrode disposed on said fluorescent layer or a fifth electrode disposed at a predetermined spaced interval from said fluorescent layer.

33. (Withdrawn) A field emission display according to claim 32, further comprising:

an electrically conductive coating layer interposed between said first electrode, said second electrode, and said slit, and said electron passage layer.

34. (Withdrawn) A field emission display according to claim 32, wherein at least one of said first electrode and said second electrode has at least one of a convexity and a concavity.

35. (Withdrawn) A field emission display according to claim 32, further comprising at least one of a pinhole defined in at least one of said first electrode and said second electrode, and a land disposed in said slit in electrically insulated relation to said first electrode and said second electrode and made of a material which is the same as the material of said first electrode and said second electrode.

36. (Withdrawn) A field emission display according to claim 32, wherein said electric field receiving member has a specific dielectric constant of 1000 or greater.

37. (Withdrawn) A field emission display according to claim 32, wherein said slit has a width in a range between 0.1 μm and 500 μm .

38. (Withdrawn) A field emission display according to claim 37, wherein said slit has a width in a range between 0.1 μm and 50 μm .

39. (Withdrawn) A field emission display according to claim 38, wherein said slit has a width in a range between 0.1 μm and 10 μm .

40. (Withdrawn) A field emission display according to claim 39, wherein said slit has a width in a range between 0.1 μm and 1 μm .

41. (Withdrawn) A field emission display according to claim 32, further comprising:

a substrate, said two-dimensional array of light-emitting devices being integrally formed with said substrate.

42. (Withdrawn - Currently Amended) A field emission display according to claim 32, wherein said electric ~~field~~ field receiving member is made of a ~~pizoelectrie~~ piezoelectric material, an antiferroelectric material, or an electrostrictive material.